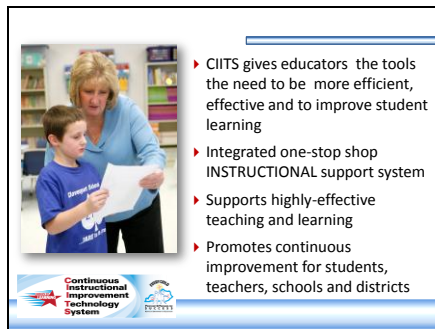Slide 1

Today I want to talk to you about Kentucky's Continuous Instructional Improvement Technology System –
You might know it as CIITS – and how it is empowering Kentucky's teachers and leaders for success.

Slide 2

CIITS gives educators the tools the need to be more efficient, effective and to improve student learning.

▸ Brings together standards, instructional resources, assessment, professional development and the evaluation of teachers and principals into an integrated one-stop shop INSTRUCTIONAL support system

▸ Supports highly-effective teaching and learning

▸ Promotes continuous improvement for students, teachers, schools and districts

Slide 3

You might call this Kentucky's educational "Wheel of Fortune." The colored spokes show the work in which we are all engaged – each initiative important on its own, but when combined -- strengthen the whole public education system.

At the heart of it -- our goal -- every child proficient and prepared for success – college/career-ready by the time they graduate form high school.

Currently CIITS supports Unbridled Learning and
- Standards Implementation – with a searchable database of Kentucky Academic Standards, deconstructed standards and learning targets; a repository of instructional resources aligned to the standards; and a lesson planning tool that incorporates the characteristics of highly effective teaching and learning as part of the planning and instructional design process.

CIITS supports:
- Assessment FOR learning --an assessment component in CIITS includes an 11,000 test item bank that can be used as part of the formative assessment process and MAP benchmark assessment data. Later on we'll be bringing in results from EPAS and summative assessments such as K-PREP and End-of-Course exams.

- Improved Student Outcomes – system makes it easy to see exactly where an individual student is at any given point in time – down to the standard; allows easy grouping of

individual students for intervention and differentiated instruction; this integrated instructional management system makes prescriptive education a reality.

- Highly effective teaching and learning -- Work is currently underway on the Educator Development Suite that will tie into our Teacher and Leader Growth and Effectiveness System – we hope to have that ready by August.

Already CIITS links to Common Core 360 resources that support professional development and effective implementation of Kentucky's Core Academic Standards. We anticipate additional on-demand professional development resources will be forthcoming.

- And CIITS supports school and district improvement – with data-driven decision making

As you can see much of this work is inter-related. CIITS brings it all together.
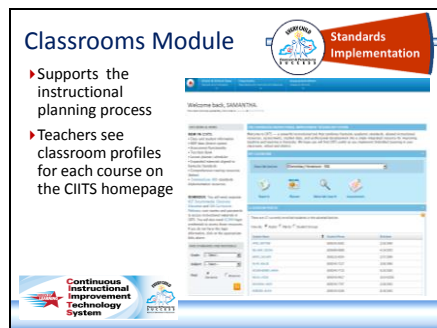
Slide 4

https://ciits.kyschools.us
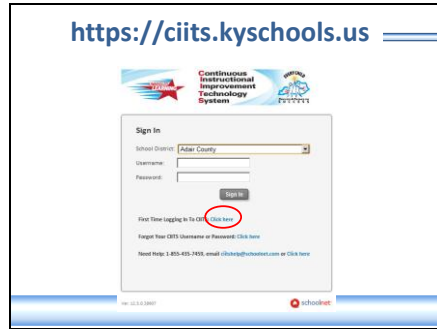
So here's how you get started…

If you haven't logged on just go to the CIITS URL and click on the link for first time logging in.

You'll need to use your school or KDE e-mail address to get your credentials.

Also you'll want to be sure to have your KET/Encyclomedia account information handy and you'll want to sign up for a free account with SAS curriculum Pathways to access the instructional materials. There's a link on how to get those on the CIITS homepage.

Slide 5

Classrooms Module

Standards Implementation

▸ Supports the instructional planning process
▸ Teachers see classroom profiles for each course on the CIITS homepage

Continuous Instructional Improvement Technology System

The functionality of CIITS is grouped in different modules. The modules you can access are based on your job and how you are set up in the system. What you see today is based on the teacher role – which if you're a teacher is automatically assigned to you.

The classrooms Module supports standards implementation and the instructional planning process…

Teachers have immediate access to classroom profiles for each course via their teacher dashboard on the CIITS homepage.
Teachers will only see the students for which they are the teacher of record.

CIITS delivers student performance data, academic standards and curricular materials right to your desktop.

Slide 6

CIITS supports standards implementation with a searchable database of Kentucky's Core Academic Standards, Program of Studies, ACT Quality Core and more.

Slide 7

Here's how easy it is to find a standard and access the deconstruction:

Say I'm Dawn Helm, 5th grade teacher at Clay School.

After I log in Scroll down to "Find Standards and Materials" webpart at the bottom left of the CIITS homepage.

I search for for 5th Grade English Language Arts *Standards* – view results

Return to "Find Standards and Materials" webpart. Select 5th Grade English Language Arts *Materials* – view
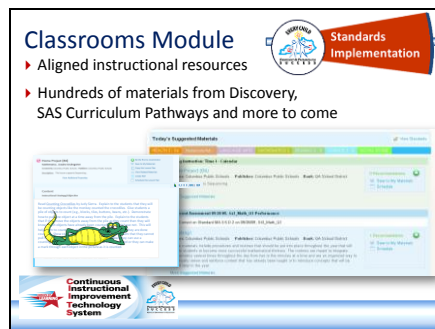
results. At the top of the list – I see an entry for deconstructed standard.

Slide 8
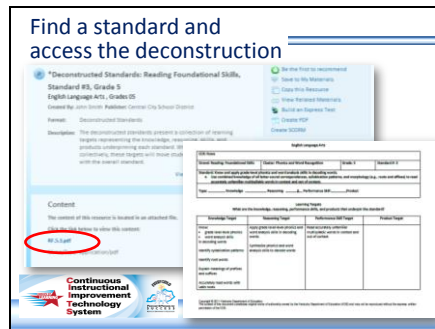
When I click on **Deconstructed Standards: Reading Foundational Skills, Standard #3, Grade 5.** I'll see a link to a PDF. Just click on that to see the deconstructed standard.

Slide 9

To go with the standards, CIITS contains aligned instructional resources. We have hundreds of materials from KET Encyclomedia/Discovery Education and SAS Curriculum Pathways and there'll be more including some materials developed by the Leadership Networks.

Slide 10

To help you pull the standards and instructional materials all together for use with your class, the classrooms module also has a drag-and drop lesson planner and scheduler that you can Access right from the CIITS Homepage.
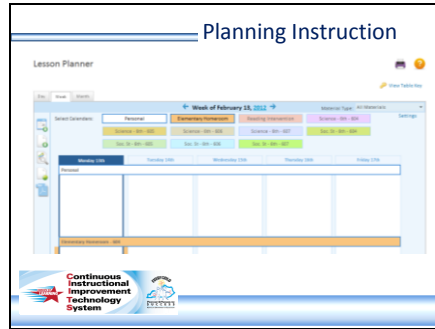
Slide 11
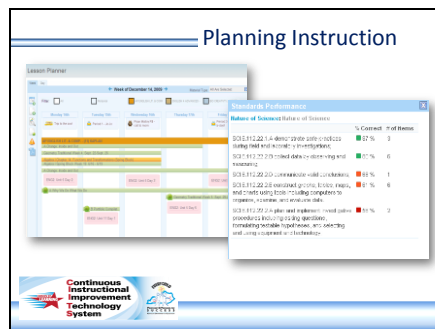
Here you can access materials scheduled to Planner…
Assessment results related to standards scheduled in the planner
Access materials banks
Or build an Express Test to support instruction

You can also design a lesson in CIITS from scratch, incorporate a lesson you may already have done or access a great lesson plan or instructional materials you may find on the Internet. A template with the characteristics of highly effective teaching and learning is embedded within the system.
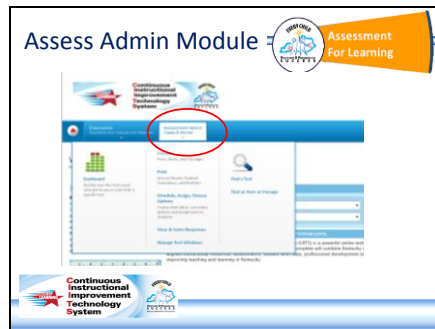
Slide 12

Once you have the lesson plan finished – just drag and drop it on the calendar when you want to schedule it for each class.
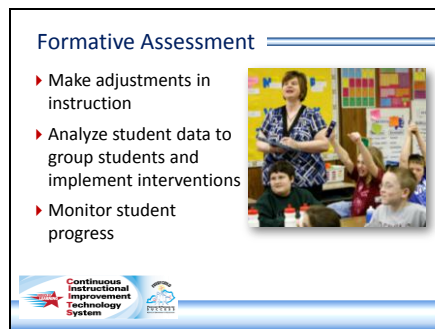
This tool also helps you track standards coverage in your classroom.

Slide 13

SchoolNet's ASSESS module is used by teachers for formative testing. Formative/frequent testing is not the same as interim/interval/benchmark tests like MAP that are given every few months.

Slide 14

Slide 15

The assess admin module includes a test item bank with more than 11,000 questions aligned to E/LA and mathematics standards.

It allows teachers to create express tests or design a test using their own questions.

And it supports assessment FOR learning and the formative assessment process.

Slide 16

OK back to our 5th grade teacher, Dawn. She's going to begin a new unit of instruction next week which will address the standard we searched for earlier and she would like to quickly assess her students as part of the formative assessment processes she utilizes in her classroom.

Dawn would click **Build an Express Test**.

For each standard she can see the number of test items available and a box where she can choose the number she would like to include on her test. (bottom red circle)

Once Dawn chooses the number of items she just clicks **Build Express Test**
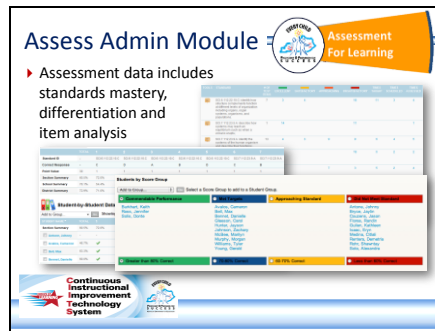
Slide 17

Build an Express Test
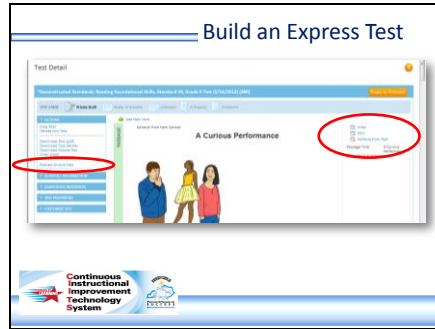
In Test Detail she would see show a passage with questions, and options to edit, replace, or remove item from test. (right circle)

Preview Online Test to see the entire test. At this point she can print out the test or schedule to administer it online or with
A CIITS-compliant student response "clicker" system.

Slide 18

Assess Admin Module
▸ Assessment data includes standards mastery, differentiation and item analysis

When these tests are given online or with a clicker system, teachers will be able to see immediate student and class data on standards mastery, peer performance, and an item analysis.

This feedback will help inform teachers about:

• Their formative assessment practices and how they can make continuous adjustments in instruction
• Their analysis of student data to group students and implement just-in-time interventions
• And how they can more efficiently monitor student progress
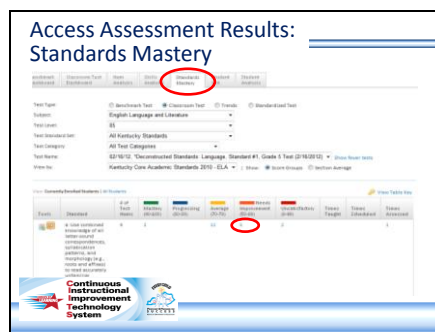
Slide 19
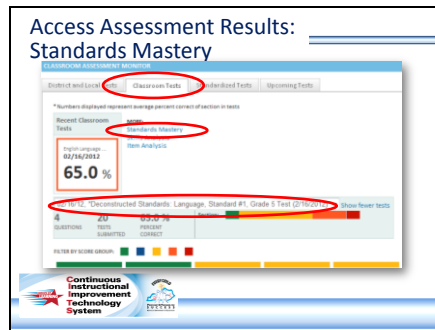
The Standards Mastery report provides teachers with an overview of student progress to date on standards that are being taught and assessed.

Click the **Classroom Tests** tab and view results for 2/26/12, *Deconstructed Standards: Language, Standard#1, Grade 5 Test (2/16/2012)
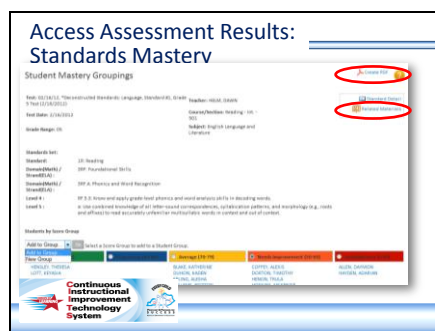
Click **Standards Mastery**

Slide 20

The system automatically disaggregates students into differentiated student groups making it easy for the teacher to see which students need remediation and enrichment.

Under the Standards Mastery tab -- Click on **5** in "Needs Improvement next to standard 1.

Slide 21

That will bring up a list of student names in that performance group.

Click the **Related Materials** icon, (bottom circle) the next to the first standard to view additional teacher related materials/resources and tools for Dawn to access for future lesson planning.

She can also generate a copy of this report by clicking create PDF

Slide 22
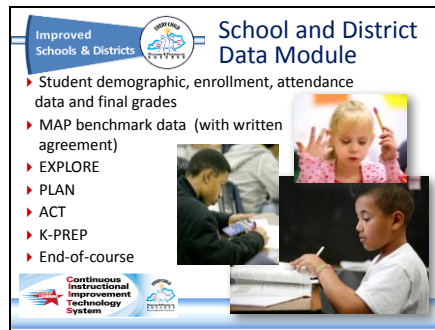
CIITS connects our 44,000 teachers with more than 648,000 students. Along with the student data and test data, teachers can also
record observations, student notes. At any given time, a teacher can see exactly where an individual student is; easily group individual students for intervention and differentiated instruction.

By seeing and using all this data – which is at their fingertips -- teachers can be more prescriptive with their instruction.

Call it prescriptive education – much like a doctor prescribes medicine when you're sick, teachers can prescribe a learning plan to meet
Individual student needs. CIITS is an integrated instructional management system that makes prescriptive education a reality.

Slide 23

The school and district data module includes a variety of data that can be used to support school and district improvement.

Right now we have student demographic, enrollment, attendance data and final grades.
For those districts who subscribe to MAP, this benchmark data is being loaded with written agreement.
More student data elements will be loaded in March.

As we get more data into the system, the value of the aggregate reporting functions available to
leadership and others will become more valuable. They will be able to see data based on Key Performance Indicators or will have the ability to create custom reports.

Slide 24

The Educator Development Suite will link to our new Professional Growth and Effectiveness System that is currently being
Piloted in more than 50 districts.

This module of CIITS will include the Kentucky-developed protocols and framework; the multiple measures of educator effectiveness.
A classroom observation tool; an area for individual growth plans and consolidated PD resources and activities.

Statewide rollout is planned for August.

Slide 25

Already you can link to Common Core 360 professional development resources form the School Improvement Network.

These videos and other resources are designed to support implementation of the common core state standards.

Slide 26

So there you have it –I would encourage you to login to CIITS and take a look around. You see the CIITS URL listed here.

Once you get into the system, there are training and support materials available on the left hand side of the CIITS homepage to help you navigate the system.

We've heard many positive responses from those who are starting to use the system – one teacher
called it "the best thing since sliced bread!" And we're not even done developing the system!
I hope you'll be just as enthusiastic and talk about it with your peers in your school and district.

There will be many training opportunities, but right now we are working to train select users in each district in order to build capacity in each district across the state.

Since CIITS is an INSTRUCTIONAL support system, the Instructional Supervisor has been designated as the

CIITS Point of Contact at the district level. Because job titles and responsibilities vary from district to district,
you may want to ask who that person is in your district.

As part of the implementation process at the district level, we hope the instructional supervisor and the rest of the
Leadership team will make connections between CIITS and the work you are doing and identify how CIITS can increase
efficiency and effectiveness of that work and other district initiatives.

Full implementation will be a team effort and we hope you will be an active participant.